

Daily GLOWBUGS

Digest: V1 #25

via AB4EL Web Digests @ SunSITE

Purpose: building and operating vacuum tube-based QRP rigs

[AB4EL Ham Radio Homepage @ SunSITE](#)

%%%% GlowBugs %%%% GlowBugs %%%% GlowBugs %%%% GlowBugs %%%%

Subject: glowbugs V1 #25

glowbugs

Wednesday, May 7 1997

Volume 01 : Number 025

Date: Mon, 5 May 1997 23:20:46 -0500 (CDT)

From: mjsilva@ix.netcom.com (michael silva)

Subject: WTB: 9 pin tube sockets

I'm looking for a source of 9 pin sockets, both molded plastic and micaless (maybe a dozen or so of each). Anybody know of a supplier who's cheaper than AES? Thanks.

73,
Mike, KK6GM

Date: Mon, 5 May 1997 22:38:32 -0700 (PDT)

From: Ken Gordon <keng@uidaho.edu>

Subject: Re: A \$3.99 power transformer

> 6T9er, but the 6T9 has a design maximum plate voltage of 275V. So what we
> need is a triode/pentode that can take 315-320V on the plates safely and
> put out about 6 watts or a little less. (The transformer can probably
> provide no more than 14-15W input.)
>
> Any suggestions?

How about the 6BM8-SVET, hi-mu triode, 7 watt power pentode in a 9 pin,
made by Svetlana at \$9.00 ? Or the 6HF8 ?

Specs, anyone ?

Ken W7EKB

Date: Mon, 5 May 1997 22:52:12 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
Subject: Re: AN/GRC109

On Mon, 5 May 1997, FREDERICK I VAN ARTSDALEN wrote:

> Hi Gang,
> I'm curious and have an idea.....How many of us have an
> AN/GRC109
> setup? Let me know....just say "I have one"...and I'll post my idea to
> the
> list in a couple days.
> You can say more....I don't care.....just wanting to keep it simple
> for ya.

I have one, complete with hand-crank generator.

Kenneth G. Gordon W7EKB		College of Mines and Earth Resources
226 N. Washington St.	//or//	University of Idaho
Moscow, Idaho 83843		Moscow, Idaho 83844
(208)-882-8745		(208)-885-6133
Great Highland Pipes, Amateur Radio, Electronic Consulting, Home-Schooling		
Traditional Roman Catholic		

My PGP Public Key Upon Request.

Date: Mon, 5 May 1997 23:05:44 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
Subject: Re: WTB: 9 pin tube sockets

On Mon, 5 May 1997, michael silva wrote:

> I'm looking for a source of 9 pin sockets, both molded plastic and
> micaalex (maybe a dozen or so of each). Anybody know of a supplier
> who's cheaper than AES? Thanks.
>
> 73,
> Mike, KK6GM

Try Alltronics. They are on the web.

Fair has some too.

Date: Tue, 06 May 1997 09:03:54 +0200
From: Jan Axing <janax@li.icl.se>
Subject: Re: A \$3.99 power transformer tube suggestions

Jeff Duntemann wrote:

> I was thinking it would make a good supply for the
> 6T9er, but the 6T9 has a design maximum plate voltage of 275V. So what we
> need is a triode/pentode that can take 315-320V on the plates safely and
> put out about 6 watts or a little less. (The transformer can probably

> provide no more than 14-15W input.)
>
> Any suggestions?

Well, yes. 6BM8/ECL82 has a design maximum of 300V and 550V at cutoff.
6AB8/ECL80 is a smaller triode-pentode but has a design max of 400V
(pentode).

More data can be found at <http://www.algonet.se/~janax/tubedata.htm>
Note that 6AB8/ECL80 has a common cathode, limiting the choices a lot.

73

- --

Jan, SM5GNN
Linköping, Sweden
janax@algonet.se
janax@li.icl.se

Date: Tue, 6 May 1997 05:53:49 +0000
From: "Brian Carling (Radio G3XLQ / AF4K)" <bry@mnsinc.com>
Subject: 3579

Say guys I am curious... has everyone quit using 3579 kHz
for Glowbugging activity these days?

I was on all evening yesterday and couldn't raise anyone.

I called CQ with the trusty Eldico TR75 rig (1625 final)
for hours!

Of course the RTTY QRM didn't help.

73 & TTYL - Bry, AF4K

*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
** E-mail to: bry@mnsinc.com *
*** See the great ham radio resources at: *
** <http://www.mnsinc.com/bry/> *

Date: Tue, 6 May 1997 09:38:17 -0400 (EDT)
From: leeboo@ct.net (Leon Wiltsey)
Subject: manuals

Hey only got one answer to question asking
about sources of Heathkit manuals, whAT GIVES?

The source given hpwever did not have the one I needed.

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)

4600 Lake Haven blvd...
Sebring fl 33872.....

68yr old retired semi disabled senior
(stroke got my balance and hand to eye coordination)
formerly w4kcj & kp4ryb (till I quite) dumb dumb
NOW KF4RCL MUCH HAPPINESS
play keyboard and sing
music 1920's to 60'
none of the 80'S- 90'S noise

Date: Tue, 6 May 97 12:06:23 -0400
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: [none]

> Say guys I am curious... has everyone quit using 3579 kHz
> for Glowbugging activity these days?
>
> I was on all evening yesterday and couldn't raise anyone.
>
> I called CQ with the trusty Eldico TR75 rig (1625 final)
> for hours!
>
> Of course the RTTY QRM didn't help.
>
> 73 & TTYL - Bry, AF4K

Well, I will fire up Big Bertha Radiomarine on 3579 tonight,
maybe around 10pm EST +- whenever I get the kid to bed.

Then after that over to 7050.

DE NA4G/Bob UP

Date: Tue, 6 May 97 12:07:53 -0400
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: [none]

>>>Subject: Re: Tonight on the 7050 QRG --- a few were there.....

> Bob,
>
> Boy! The conditions were great and all of a sudden at 0330Z the
> bottom dropped out during Neal's transmission! That happened a few nights
> ago when I was making
> one. Turned it over to you or Dale and *poof!* you were both gone!

Yeah, I noticed the band was heavy into QSB, and was fine as long as the
SSB did not come up, but when the SSB did, the average voice modulation
tone was square in the middle of the passband on the R-388. That was one
of the very few times I have ever had trouble on cw from an ssb station.
Oh, well, I must be getting old or pfutzng my hearing. Then, the skip
went long, and we thought you were having rig trouble or something.

Your AF-67 was doing a fine job, and Doug/K7YD's machine likewise. Ol' Neal/N4HAF always blows the front end outta the RX, as does Dale/AD4YH when he's aboard for the watch. Ol' Dale's DX-40 runs like a stripedarsedape going QRQ 35 and above and makes my day. I was hoping more of the West Coast crewe would be there, and we did pick up Jim/W7HPK in Seattle, around 0400Z. I did not hear Vic/K2VCO or Jim/W1HIJ, another pair of CWist regulars. I know, it is that sinkhole in the LA basin with its smog ether sparker destroyer.

> Think the band is going long. Doug's signal built up and I talked
> to him for another
> one. I have been coming up at about 0100 and 0200Z. 80 has been 'so-so'.

I have not had much success on 80M lately, but a few are sometimes there on the TV rockko QRG 3579R545. 7050 has been working out pretty well. Earlier on, the QRS folks are there, and later one the QRQ folks come along. But, we gotta get's more o' de Glowbugge and CWist crewe signed aboard for the watch. It seems just a few of us diehards are about. Whar didst everybody go?

> Anyway, the setup seems to work. I have the whip from the RCA
> lifeboat set and
> a 2' mast section from the Mackay lifeboat antenna set. There is an
> insulated section
> then the other half of the Mackay mast sitting in the little swivel base
> that gets lashed to the Thwartship member in the lifeboat. I have the mast
> slipped into the hole and
> thru the bushing in a patio table that normally holds the umbrella mast! It
> is easy to setup and it works! On 40 I can do without a loading coil and
> get about 0.8 amp. of antenna current. On 80 I have to use a base loading
> coil (jury-rigged) and the antenna current is about 0.7 amp. I may do some
> experimenting with the loading coil again,
> do away with the little MFJ tuner and play with the antenna tap, ground one
> end of the loading coil to the counterpoise and run another tap on the coil
> for the transmitter output. Then see what happens to the antenna current,
> tuning for maximum smoke.

Hey Glowbugs and CWists! Now this here feller has got a fine howdy do way ta sits back on da veranda, tips a fine mint julep in the grand southern bayou tradition, and dances the ol' dit ditty on the Bugge, and with a grand ol' AF-67 and PMR-7 mobile pair of fine and goodly stock. That has gotta be one o' them thar epitomes de Hamdom.

Lessee, I gots one o' them thar folding Army antennamastthingies..... Now a piece of pipe for a base, and a clamp to hold the mast base on, and it sounds like a liesurely way to pick up on 40/30M, in the settin' back style..... neat! Alas, the ol' deck table would croak if I drug up the SRT-14 or even the SRT-4. It might handle the Hartleys or the old ArcusFivus gear, without folding, tho. Nah, mebbe I need ta bring out the GRC-9 for that work.

> Tell Neal he was belting one in, and on his last xmission he QSBed
> down to nil!

Neal/N4HAF always has a pretty fine signal, an' that thar dit ditty dancin' o' his is pure sweet musick outta his sendin' iron.....

I dunno why the SRT-14 did not put out more. I had about an amp of RF in the antenna RF ammeter, and that was all I could get out of her last night. I may have to check the rectifiers again. It eats those silly things, and I need to complete out the solid stating of those vacuum rectifiers. That is me one howdydoo to sandystate stuff.

Doug/K7YD came on with that 4-1000 and was quite QSA5 here.

So's all ye Glowbugge and CWist folks, rallys ye round de ol' 40M QRG, an sees ifs ye canst rattle an' bang around de SSB mush. The Glowbugge crowd comes aboard anytime after dark, but seems that 0100 to 0200 is the best time, and then the QRQ CWist sparkers come aboard around 0300.

> 73,

> E. V. Sandy Blaize, W5TVW

> "Boat Anchors collected, restored, repaired, traded and used!"

Likewise thar sparks...

73/ZUT DE NA4G/Bob UP

p.s. OK, all ye dit ditty dancin' folks, times ta gets yer sendin' irons lubed, an' yer pot o' mud fired up, an yer firebottles a'glowin', an' grapples ye up yer tin cans atop yer noggins, a'readys ye yer keys at the fore, cuz da band it be hot, an a fine watch it will be!

Glowbugs: QTR 0000/0100/0100Z QRG 7050KHZ
call --- CQ BA CQ BA DE <yourcall> <yourcall> K

CWists and QRQ Glowbugs: QTR 0300Z QRG 7050KHZ
call --- CQ CWIST CQ CWIST DE <yourcall> <yourcall> K

All Hands (as late as ye can keep yer eyeballes open:
QTR 0400Z QRG 7050KHZ
call --- CQ BA CQ BA DE <yourcall> <yourcall> K

Alternate QRG anytime after dark: QRG 3579R545KHZ
call --- CQ BA CQ BA DE <yourcall> <yourcall> K
Beware of Hartleys, Regens, and other assorted ancient glowbottles emittin' sparks an' such 'ere.

p.p.s. I am QSP this via both the Glowbugs and CWist lists because we share a common CW mode and a common QRG. Also, a lot of the Glowbugge folks are fine QRQ CWists in their own right, and I am of the opinion that we can have a QRQ roundtable with Glowbottle gear or sandystate gear, and all have a good time. Blame that combo squarely on ol' Boatanchor Bob, fer sure. It is good to combine the CW artists on the QRG, to keep the spirit o' de ol' Rattle an' Banging on the Brass Monkey, alive. On CW, the ancient rigges still puts out fine ether sparks. Besides, that will help keep that raucious silisidebander stuff at bay..... down boy, down boy, dowwwwwnnnnn..... (:+)}.....

(whew.... I oughtta market that lingo somewhere.....(:+)}.....)

Date: Tue, 6 May 1997 10:54:11 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
Subject: Re: WTB: 9 pin tube sockets

On Mon, 5 May 1997, Ken Gordon wrote:

> On Mon, 5 May 1997, michael silva wrote:
>
> > I'm looking for a source of 9 pin sockets, both molded plastic and
> > micalex (maybe a dozen or so of each). Anybody know of a supplier
> > who's cheaper than AES? Thanks.
> >
> > 73,
> > Mike, KK6GM
>

Try All Electronics. They are on the web at <http://www.allcorp.com/>.
Their latest catalog has tube sockets on page 53.

Fair Radio has some too. In their '96 catalog on page 11.

Date: Tue, 6 May 1997 14:22:11 -0400 (EDT)
From: EWoodman@aol.com
Subject: Re: 3579 RTTY jamming

Well, believe it or not I'm also getting hammered by rtty way up here in NH.
Enough so I haven't even bothered to try to get out. If I hear it again
tonight I'll throw on the rtty gear and see who it is and what they're up to.
I've been wanting to join in with the GB and BA folks but can't do it when
I'm getting clobbered by that!

73 Eric KA1YRV

Date: Tue, 6 May 1997 14:11:31 -0400 (EDT)
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Re: Glowbugs Archives On-Line (anyone want to add to it?)

>
> Through the good graces of Ken Gordon, the Glowbugs archives are now
> on-line (at least all I have in my collection, less a few things I need
> to dig out, still). ALL of the digests are there. A fairly complete
> assortment of the NA4G collection of reprints and articles is there,
> too. Are there any other Glowbug materials that need to be in the
> archives? If so, give me an email, and we can arrange the transfer
> to the archives. Also, there is an INCOMING directory in the archives
> that you can put things in (as long as you put in a readme file or
> doc file or other descriptor file that lets us know what it is and
> where it came from). So..... all hands 'fess up what neat Glowbugge
> things ye been a'hangin' onto that needs proper archiving in the
> Glowbugs archives. At present, we have clearance from QST for the
> reprints from old QST's and Handbooks, so those are fine, per the

> permission given us. Other things that are copyrighted need to be
> cleared or permission obtained from the copyright owner(s). Things
> that are not copyrighted or are in the public domain, are fine.
>
> Thanks, and Enjoy!
>
> 73/ZUT DE NA4G/Bob UP
>
>
My, oh my, my head be in the bilgewater this day.....

Glowbugs Archives Site:

<ftp://piobaire.mines.uidaho.edu/pub/Glowbugs>

Date: Tue, 6 May 1997 14:04:41 -0400 (EDT)
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Globugs Archives On-Line (anyone want to add to it?)

Through the good graces of Ken Gordon, the Glowbugs archives are now on-line (at least all I have in my collection, less a few things I need to dig out, still). ALL of the digests are there. A fairly complete assortment of the NA4G collection of reprints and articles is there, too. Are there any other Glowbug materials that need to be in the archives? If so, give me an email, and we can arrange the transfer to the archives. Also, there is an INCOMING directory in the archives that you can put things in (as long as you put in a readme file or doc file or other descriptor file that lets us know what it is and where it came from). So..... all hands 'fess up what neat Glowbugge things ye been a 'hangin' onto that needs proper archiving in the Glowbugs archives. At present, we have clearance from QST for the reprints from old QST's and Handbooks, so those are fine, per the permission given us. Other things that are copyrighted need to be cleared or permission obtained from the copyright owner(s). Things that are not copyrighted or are in the public domain, are fine.

Thanks, and Enjoy!

73/ZUT DE NA4G/Bob UP

Date: Tue, 6 May 1997 15:11:05 -0400 (EDT)
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Re:

>
> At 04:07 PM 5/6/97 +0000, you wrote:
> >
> > Glowbugs: QTR 0000/0100/0100Z QRG 7050KHZ

TYPO ALERT.....

QTR 0000.0100/0200Z QRG 7050

More bilgewater typing..... Hey, I only got a C in typing.....

> Bob, you might add to this QTR 0200Z. That is what is in Electric
> Radio and
> I usually come up at that time as well for a few minutes at least. We might
> scoop
> up one or two of the "ER" CW bunch.
> 73 es ZUT
> E. V. Sandy Blaize, W5TVW

Yup, I gotta correct that silly extradittypo that plagues both my
keyboard and my bug..... SRI OM!

Bob/NA4G

Date: Tue, 06 May 1997 13:57:04 -0700
From: "R. Eric Sluder" <sludere@gte.net>
Subject: re: QRG

rdkeys@csemail.cropsci.ncsu.edu wrote:

>
>OK, all ye dit ditty dancin' folks, times ta gets yer sendin' irons
>lubed, an' yer pot o' mud fired up, an yer firebottles a'glowin',
>an' grapples ye up yer tin cans atop yer noggins, a'readys ye yer
>keys at the fore, cuz da band it be hot, an a fine watch it will be!

Well BA Bob,

There are four things holding me back and then I'll soon be on:

1. A honeydo list a mile long! (can't do much there but whittle away at it)
2. A 3 1/2 month old (but she goes to bed pretty early)
3. Awaiting me 40M rocks from Phoenix Xtals (the postman hates me)
4. A ground system (my wives teli rolls and squigles when I TX)

But I'm getting closer to gettin' on, and your notes to rally the troops
get me fired up to get a little closer every day, even got the straight
key polished up! I've got a DX-20 I'm just dying to try out - then onto
a HB rig of some sort.

See ya on 7050 soon....

73,

Eric

- --
~~~~~  
R. Eric Sluder, KB9BGS  
3339 Eden Way  
Carmel, IN 46033-3070 USA  
<><

~~~~~

Date: Tue, 6 May 1997 19:03:04 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: Re: 3579 RTTY jamming

At 06:22 PM 5/6/97 +0000, you wrote:
>Well, believe it or not I'm also getting hammered by rtty way up here in NH.
> Enough so I haven't even bothered to try to get out. If I hear it again
>tonight I'll throw on the rtty gear and see who it is and what they're up to.
>I've been wanting to join in with the GB and BA folks but can't do it when
>I'm getting clobbered by that!
>
>73 Eric K1YRV
>

I think it's a commercial station. GKE1 Portishead, England comes
thru down the band a bit in the evenings. I'd bet they RTTY is coming from
the Continent somewhere.

73,
E. V. Sandy Blaize, W5TVW
"Boat Anchors collected, restored, repaired, traded and used!"
417 Ridgewood Drive,
Metairie, LA., 70001
ebjr@worldnet.att.net
Looking for: 860 tubes, WL-460 tubes
Butternut HF2V antenna, G-R test gear.....

Date: Tue, 06 May 1997 14:25:12 -0600
From: jbrown <jbrown@pbmo.net>
Subject: Need Help

Greetings all,

I have recently lost my server and the info needed to sign up for
the glowbug list. Can anyone give me the proper procedure for getting
on the list?

Thanks,
Jody WD0AJP jbrown@pbmo.net

Date: Tue, 6 May 1997 16:03:14 -0400 (EDT)
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Svetlana Glowbugging Power Triodes

I just received the Svetlana data sheets on many of their tubes.
There are some neat things there.

1. The SV811-10 Low-Mu Power Triode:

6.3v 4a filament
800v/160ma plate

standard 4 pin basing and socket just like a type '10.

Now Hear This:

2. The SV572-10 High Performance Audio Power Triode:

6.3v 4a filament (same?)
1000v/210ma plate

*** standard 4 pin basing and socket just like a type '10.

This would be ideal for a single 4-pin socket style rig that you could interchangeably swap a 10 watt or a 50watt bottle, by merely changing the tube. Alas, the prices are a tad steep, but not too much out of hand for the diehards --- 30 bucks and 57 bucks respectively.

The sizes of the tubes are the same, but the elements in the 572 have that nice biggie graphite cathode inside.

Sounds like a neat set of tubes.

A'Hartleying we will go..... a'Hartleying we will go.....

73/ZUT DE NA4G/Bob UP

Date: Tue, 6 May 1997 14:31:59 -0700
From: **dfrancis@iex.net (Dexter Francis)**
Subject: **"Better" 6T9, maybe.**

I don't have a high voltage 6T9 equivalent, but maybe something "better";

The 6T9 was primarily used in audio frequency circuits with the triode as a voltage amp and the pentode as a power amp. For RF a 6KY8A may be a better choice. It was used in combined vertical/horizontal deflection circuits and is a Hi mu Triode/Beam Power-Pentode. The max plate voltage on the Triode was 250 and the Beam Power unit was rated at 135, but there isn't any reason why you couldn't run 120 Volts on both. The beam power side is good for 12 watts.

- df

* For a listing of tubes and related parts try: *

* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *

Date: Tue, 6 May 1997 19:00:37 -0400 (EDT)
From: **EricNess@aol.com**
Subject: **Yet another 6T9 alternative**

Yet another alternative to the 6T9 is the 6GW8/ECL86 of Orphan Glowbug/Mighty Midget fame. The plate dissipation of the pentode section

is rated at 9 Watts. There are two specs for plate voltage however. The "Plate Supply Voltage" is rated at 550 Volts max but the "Plate Voltage" is only rated at 300 Volts. Could someone explain the difference between the two specs?

73, Eric WD6DGX

Date: Tue, 06 May 1997 16:48:11 -1000
From: "Peter L. Demmer" <ampruss@hits.net>
Subject: x

set mail postpone

Peter L. Demmer KH6CTQ
Off to Dayton.

Date: Wed, 7 May 1997 08:44:40 -0400 (EDT)
From: leeboo@ct.net (Leon Wiltsey)
Subject: manuals

>To: gb

WANT ADD OF SOURCE FOR HEATHKIT MANUALS.

Need scope diagram or manual for heath 10- 122 scope
>
>The source given however did not have the one I needed.
>

Thank the good LORD for all that you have!!!

Leon B Wiltsey jr. (Lee)
4600 Lake Haven blvd...
Sebring fl 33872.....

68yr old retired semi disabled senior
(stroke got my balance and hand to eye coordination)
formerly w4kcj & kp4ryb (till I quite) dumb dumb
NOW KF4RCL MUCH HAPPINESS
play keyboard and sing
music 1920's to 60'
none of the 80'S- 90'S noise

End of glowbugs V1 #25

%%%% GlowBugs %%%%% GlowBugs %%%%% GlowBugs %%%%% GlowBugs %%%%%

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Created by **Steve Modena, AB4EL**
Comments and suggestions to **modena@SunSITE.unc.edu**
